15-207-20377-00-00

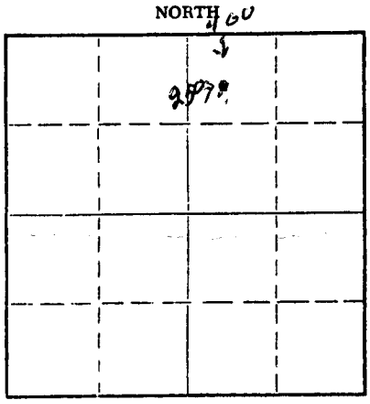
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas 67202

WELL PLUGGING RECORD

NORTH 660



Locate well correctly on above Section Plat

Woodson County. Sec. 18 Twp. 25 Rge 17 (E) (W)
Location as "NE/CNW¼SW¼" or footage from lines From W. line 330 N. line 400
Lease Owner Walden Bros.
Lease Name Lawrence Bruggeman Well No.
Office Address Iola Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed 19
Application for plugging filed 6-16-70 19
Application for plugging approved 6-16-70 19
Plugging commenced 6-16-70 19
Plugging completed 6-16-70 19
Reason for abandonment of well or producing formation

If a producing well is abandoned, date of last production 19
Was permission obtained from the Conservation Division or its agents before plugging was commenced?

Name of Conservation Agent who supervised plugging of this well Marvin W Carpenter
Producing formation Depth to top Bottom Total Depth of Well 935 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS — CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
~~Clay~~	~~Gas~~			10	30 ft	30
				8 1/2	435	435
Clay	Water	5	20			
Lime	Water	90	110			
Broken Lime	Water	170	190			
Shale & Sandy	Water	215	250			
Lime	Water	290	360			
Shale & Sand	Water Water	635 930	673 935			

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Hole filled with mud from 935 to 200, set a Rock Bridge at 200 ft capped on Rock Bridge with 10 sacks of Cement
set a rock Bridge at 35 ft capped on Bridge with 10 sacks cement filled with Soil to surface

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CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor
Address

STATE OF Kansas, COUNTY OF Woodson, ss.
Thomas F Walden (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Thomas F Walden

(Address)

SUBSCRIBED AND SWORN TO before me this 9 day of July, 1970

L J Schaaf Notary Public.

My commission expires Jan 28-1973

18-25-7E

Bruggeman

started to Drill sept 1-1969

well was a Dry Hole T.D. 935

Soil	0 to 5	
Clay	5 to 20	water ½ Bailer at 20 ft
Blue shale	20 to 60	
~~Shale~~ Pipe	60 to 70	Hole filled up with water overnigh Hole Caving at 20 ft Run 30 ft of 10# Casing
~~Lime~~	70 to 90	
gray shale	90 to 110	→ ¾ Bailer water at 95 ft
lime	110 to 125	
shale & shells	125 to 150	
lime	150 to 160	
shale	160 to 170	
lime	170 to 195	¾ Bailer at 195
Broken lime	195 to 215	
lime	215 to 250	4 Bailers water at 245 salt water
shale sandy	250 to 255	
lime	255 to 290	
shale	290 to 360	6 Baileys water at 295
lime	360 to 365	
Black shale	365 to 367	
lime	367 to 371	
shale	371 to 390	
lime	390 to 392	
Black shale	392 to 398	
lime	398 to 400	
shale gray	400 to 411	
lime	411 to 412	
Black shale	412 to 427	
lime	427 to 572	Run 8¼ casing at 435
shale		

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Lime Shells	578 to 600	
Lime Hard	600 to 620	
Shale	620 to 632	
Lime Hard	632 to 635	
Shale	635 to 673	2 Bailers water at 673
Lime, Hard	673 to 683	
Shale	683 to 685	
Lime	685 to 718	
Shale Darb	718 to 733	
Shale Shells	733 to 749	
Lime	749 to 755	
Shale	755 to 930	Reduced Hole to 6 5/8 at 775
Sand	930 to 935	Water Hole Caving T.D.

All Casing Pulled